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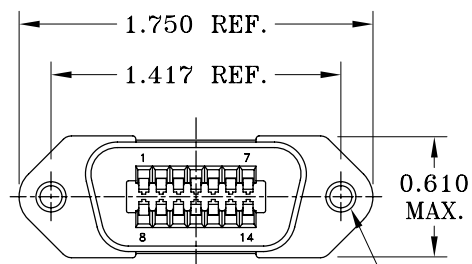
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3

2

1

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK	RELEASED TO CUSTOMER	11/21/02	Y.M.LEE
B	HK	ADD CHOP OF ROHS	5/19/06	IP



MOUNTING HOLE
0.108" MIN. DIA.

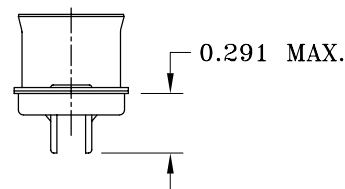
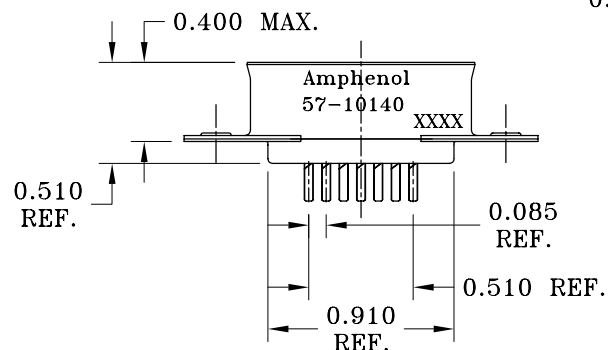


TABLE 1

CONNECTOR SIZES	AVERAGE MATING FORCE (POUNDS)
14	5
24	8
36	12
50	15
64	19

SPECIFICATIONS:

- 1) SOLDER CUP CONTACT: TO ACCOMMODATE 22-30 AWG SOLID AND 24-30 STRANDED CONNECTOR WIRES.
- 2) DIELECTRIC: DIALYL-PHTHALATE PER MIL-M-14F TYPE MDG UL-94V0
- 3) CONTACT MATERIAL: COPPER ALLOY
- 4) CONTACT: 20 MICRO-INCHES MIN. GOLD MATING AREA: 3-5 MICRO-INCHES GOLD TERMINAL AREA: 50 MICRO-INCHES MIN. NICKEL UNDERPLATING ALL OVER.
- 5) SHELL MATERIAL: ZINC PLATED STEEL WITH CLEAR CHROMATE COATING
- 6) CURRENT CAPACITY: 5 AMPS/CONTACT
- 7) VOLTAGE RATING: 700 VOLTS D.C. AT SEA LEVEL
200 VOLTS D.C. AT 70,000 FEET
- 8) INSULATION RESISTANCE: >5000 M OHM
- 9) DIELECTRIC WITHSTANDING VOLTAGE: 1200 VAC (RMS) AT SEA LEVEL
- 10) CONNECTOR MATING FORCE: REFER TO TABLE 1.

- 11) CONTACT RETENTION FORCE: 2 LBS MAX.
- 12) DURABILITY: 250 CYCLES MIN.
- 13) VIBRATION: NO INTERRUPTIONS < 1u SEC.
- 14) OPERATING TEMPERATURE: -55°C TO +105°C (-67°F TO +221°F)

CUSTOMER INFORMATION DRAWING

ITEM NO	NOMENCLATURE OR DESCRIPTION	QTY REQ'D
PARTS LIST		
UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC X +/- .015 .XX +/- .010 .XXX +/- .005 FRACTIONS +/- ANGLES +/- 1°		APPROVAL DRAWN XS.GUO CHECKED DATE 5/19/06
FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (MM)		ANGLE OF PROJECTION
TITLE 14 SIZE PLUG ASSY, RACK & PANEL MINIATURE RIBBON		REV. B
SIZE A3		SCALE NONE
DRAWING NO. C57-10140		SHEET 1 OF 1

Shop Newark InOne

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inone

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Keyword

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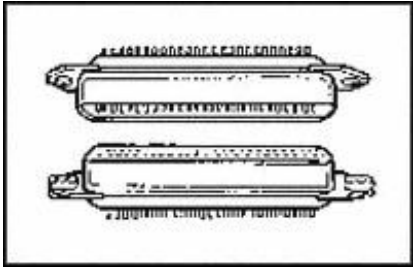
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Support

Product Detail

PRINTABLE


EMAIL A FRIEND



Availability: **734**
Pack Details: **1 Each**
Minimum Order Quantity: **1**
Order Multiple Quantity: **1**
[RoHS Compliance:](#)

Quantity

1



Newark InOne Part No.: **42F190**

Manufacturer: **AMPHENOL**

Manufacturer Part No.: **57 10140**


Description: **Tap Connectors Number of Contacts:14; Contact Termination: Insulation Displacement Crimp; Gender:Male; Leaded Process Compatible:Yes; Contact Finish:Gold**

Quantity	Price
1 - 24	\$3.30
25 - 99	\$3.10
100 - 249	\$2.60
250 - 499	\$2.40
500 and above	\$2.19

Amphenol®

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Cat. 123: 866
Cat. 122: 1537
Cat. 121: 1451

Find Similar Products by Attributes

- ☐ Contact Termination | Insulation Displacement Crimp
- ☐ Gender | Male
- ☐ Leaded Process Compatible | Yes
- ☐ Number of Contacts | 14

FIND SIMILAR >>

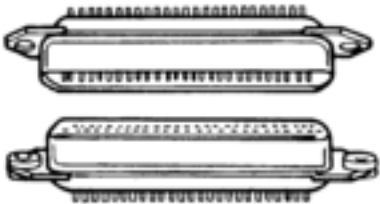
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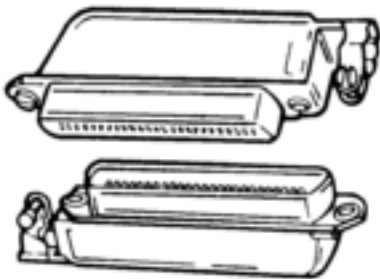
AMPHENOL 57 SERIES MICRO-RIBBON® SOLDER TERMINATION CONNECTORS



Click image to view larger version:



Rack and Panel



Cable-to-Cable










57 series ribbon connectors are ideal for modems, multi-plexers, computers and peripherals, medical equipment, PBX devices and scientific instrumentation, telephone equipment, cash registers, vending machines and similar equipment. Rated: 5A per contact, 70 DC. Operating temperature: -55°C to +105°C. Wire sizes: 22 AWG solid, 24 AWG stranded. UL recognized, CSA certified.

RACK AND PANEL TYPE



Mfg. Part No.	Contacts	Description	Newark InOne Part No. / Buy
57 10140	14	Male	42F190 /
57 20140	14	Female	88K2171 /
57 10240	24	Male	42F191 /
57 20240	24	Female	42F194 /
57 10360.	36	Male	42F192 /
57 20360.	36	Female	42F195 /
57 10500	50	Male	42F132 /

57 20500	50	Female	42F133 / 
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CABLE-TO-PANEL TYPE: TOP CABLE ENTRY

Mfg. Part No.	Contacts	Description	Newark InOne Part No. / Buy
57 30140	14	Male	42F126 / 
57 40140	14	Female	42F127 / 
57 30240.	24	Male	42F128 / 
57 40240.	24	Female	42F129 / 
57 30360	36	Male	42F130 / 
57 40360.	36	Female	42F131 / 
57 40360	36	Female	88K1455 / 
57-30500	50	Male	42F134 / 
57 40500	50	Female	42F135 / 

CABLE-TO-CABLE TYPE: RUNNING CABLE

Mfg. Part No.	Contacts	Description	Newark InOne Part No. / Buy
57 10500 7	50	Male	42F198 / 
57 20500 7	50	Female	88K2173 / 

CABLE-TO-CABLE TYPE RECEPTACLES

Mfg. Part No.	Contacts	Description	Newark InOne Part No. / Buy
57-60140.	14	Female	40F6348 / 
57-60140	14	Female	88K2174 / 
57-60240.	24	Female	40F6349 / 
57-60360	36	Female	40F6350 / 
57-60500.	50	Female	40F6351 / 